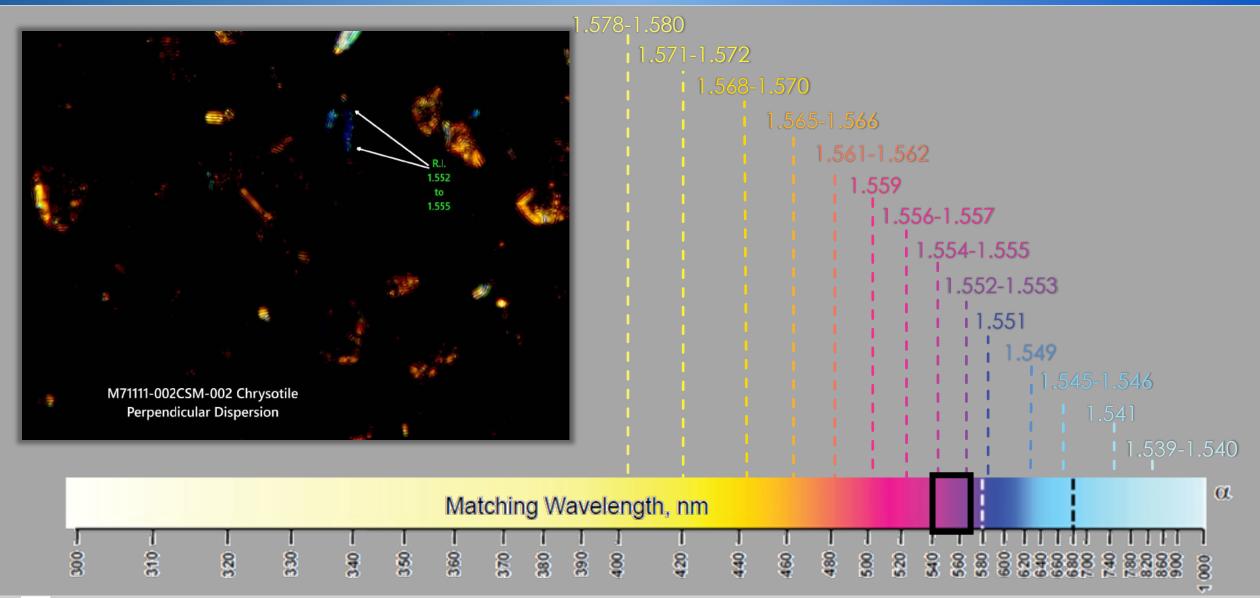
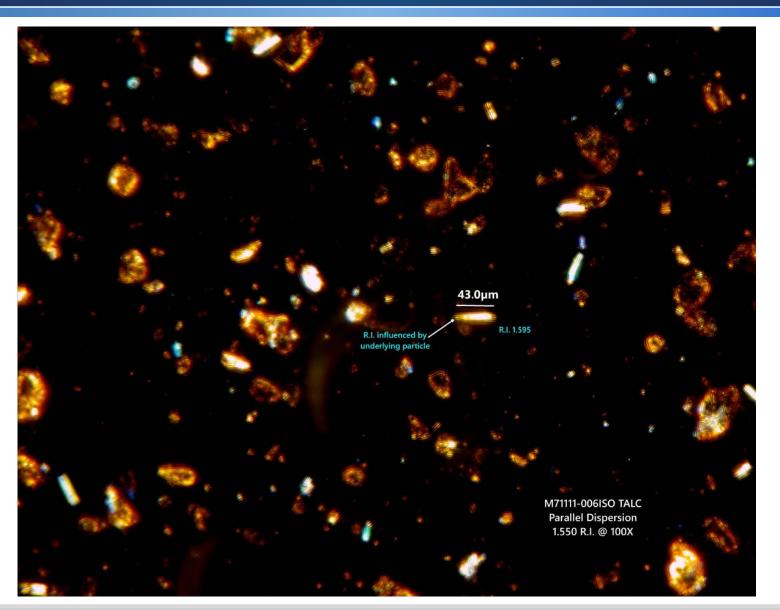
Exhibit 111 Part 2



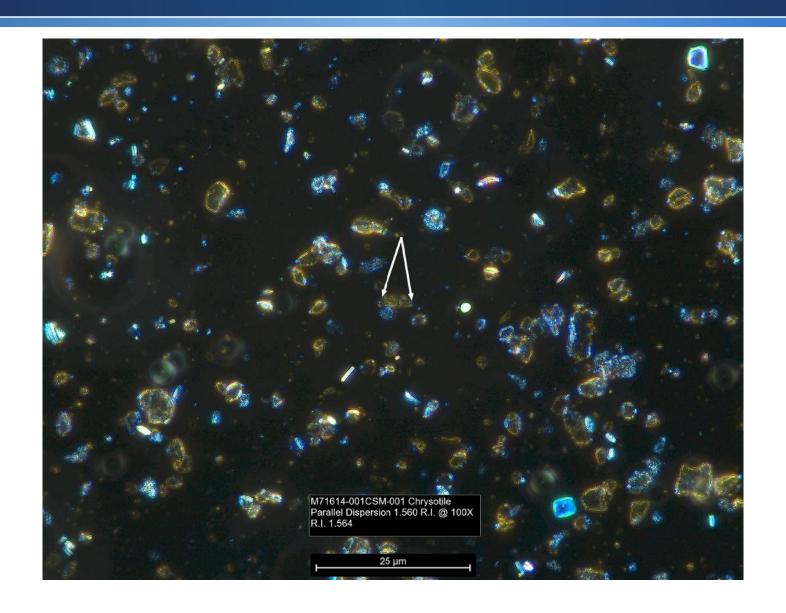
Su Affidavit

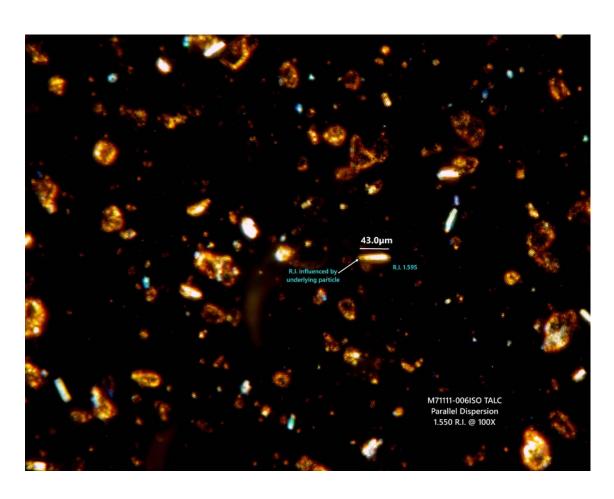
In this case, the rule of thumb is to *bring the yellow CSDS color to purple or magenta or blue range* by using an immersion liquid with a greater RI, such as 1.560 or 1.570 for crystal P at a *normal intensity of illumination* such as B in Fig. 2.

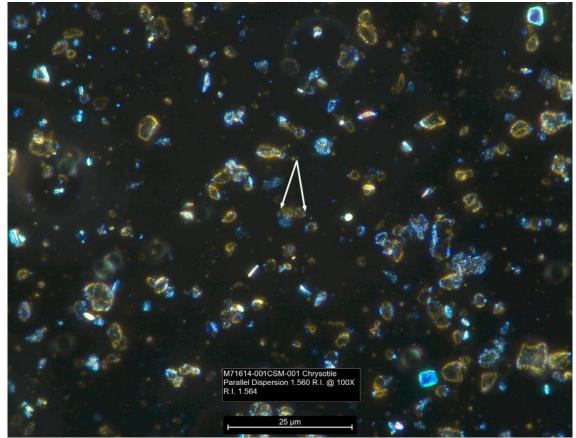
Sample With 1.550 RI



Valadez Bottle With 1.560 RI







Calidiria References In 1.560

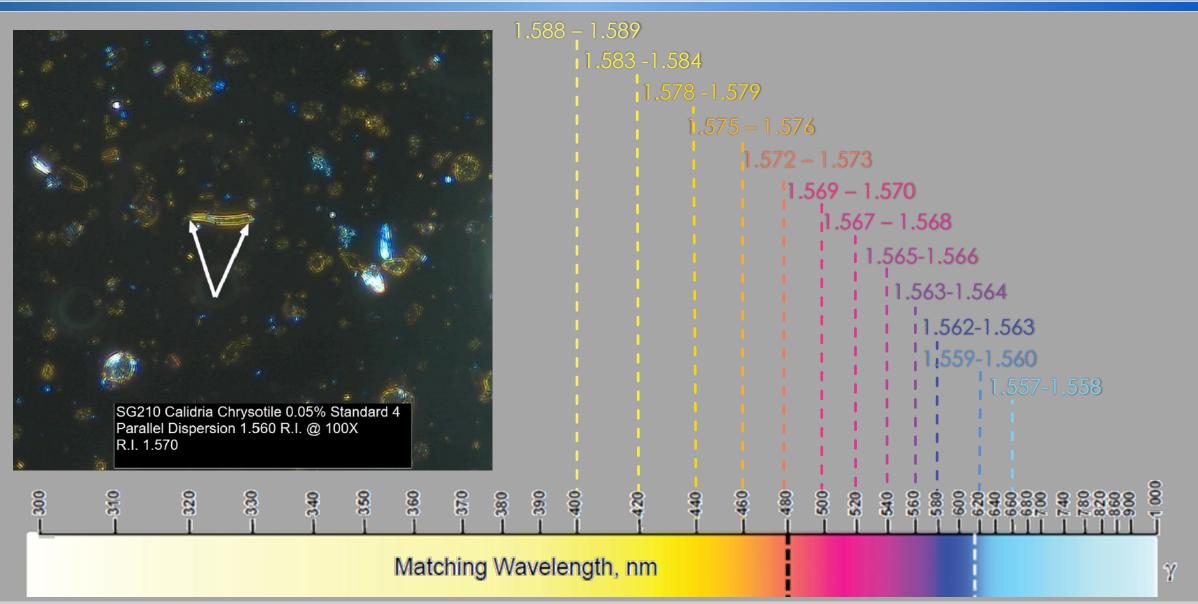
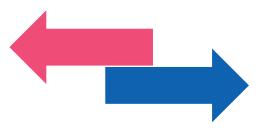


Table 5B. Chrysotile γ (In Cargille Series E: 1.560)								
λ_0	19°C	21°C	23°C	25°C	27°C	29°C	31°C	
400	1.590	1.589	1.588	1.587	1.586	1.585	1.584	
420	1.585	1.584	1.583	1.582	1.581	1.580	1.579	
440	1.580	1.579	1.578	1.578	1.577	1.576	1.575	
460	1.577	1.576	1.575	1.574	1.573	1.572	1.571	
480	1.574	1.573	1.572	1.571	1.570	1.569	1.568	
500	1.571	1.570	1.569	1.568	1.567	1.566	1.566	
520	1.569	1.568	1.567	1.566	1.565	1.564	1.563	
540	1.567	1.566	1.565	1.564	1.563	1.562	1.561	
560	1.565	1.564	1.563	1.562	1.561	1.560	1.559	
580	1.564	1.563	1.562	1.561	1.560	1.559	1.558	
589	1.563	1.562	1.561	1.560	1.559	1.558	1.557	
600	1.562	1.561	1.560	1.559	1.558	1.557	1.556	
620	1.561	1.560	1.559	1.558	1.557	1.556	1.555	
640	1.560	1.559	1.558	1.557	1.556	1.555	1.554	
660	1.559	1.558	1.557	1.556	1.555	1.554	1.553	
680	1.558	1.557	1.556	1.555	1.554	1.553	1.552	
700	1.557	1.556	1.555	1.554	1.553	1.552	1.551	
750	1.555	1.554	1.553	1.552	1.551	1.550	1.549	
800	1.553	1.552	1.551	1.550	1.549	1.548	1.547	

Birefringence of Talc vs. Chrysotile

Chrysotile: Lower Birefringence (Colors Closer Together)



Talc: Higher Birefringence (Colors Farther Apart)

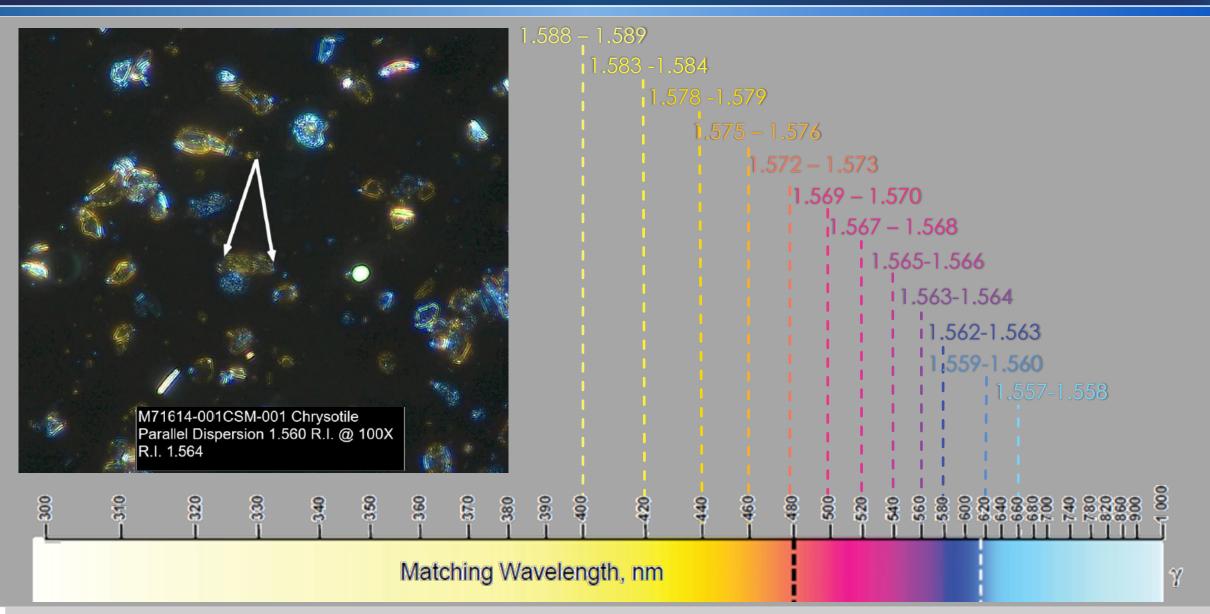
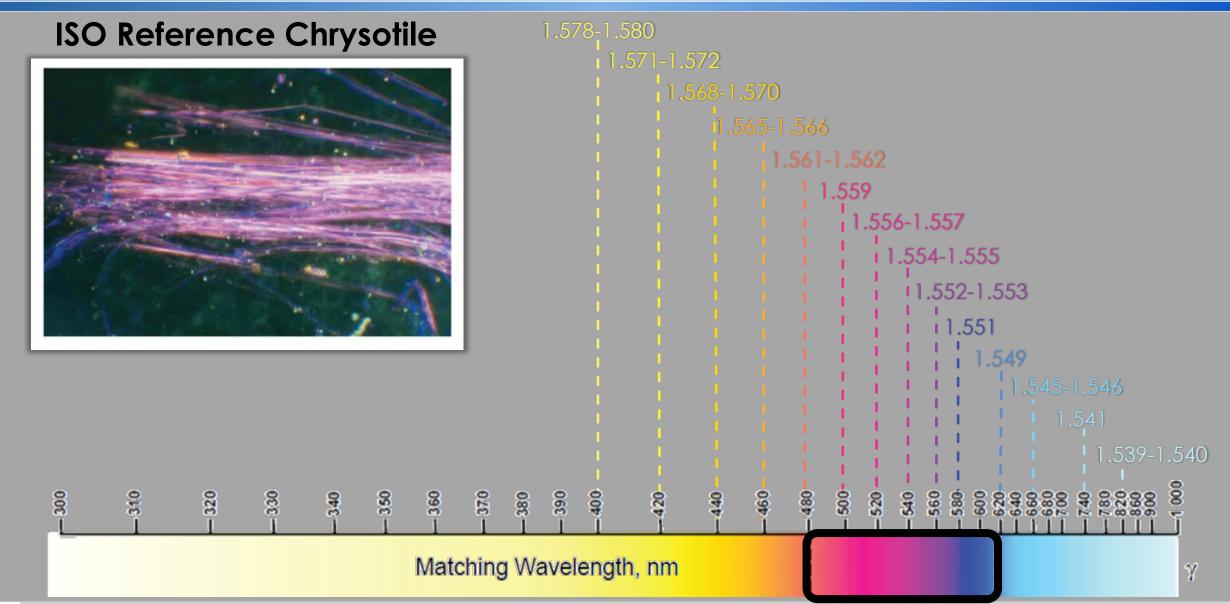


Table 5B. Chrysotile γ (In Cargille Series E: 1.560)								
λ_0	19°C	21°C	23°C	25°C	27°C	29°C	31°C	
400	1.590	1.589	1.588	1.587	1.586	1.585	1.584	
420	1.585	1.584	1.583	1.582	1.581	1.580	1.579	
440	1.580	1.579	1.578	1.578	1.577	1.576	1.575	
460	1.577	1.576	1.575	1.574	1.573	1.572	1.571	
480	1.574	1.573	1.572	1.571	1.570	1.569	1.568	
500	1.571	1.570	1.569	1.568	1.567	1.566	1.566	
520	1.569	1.568	1.567	1.566	1.565	1.564	1.563	
540	1.567	1.566	1.565	1.564	1.563	1.562	1.561	
560	1.565	1.564	1.563	1.562	1.561	1.560	1.559	
280	1.564	1.503	1.562	1.561	1.560	1.559	1.558	
589	1.563	1.562	1.561	1.560	1.559	1.558	1.557	
600	1.562	1.561	1.560	1.559	1.558	1.557	1.556	
620	1.561	1.560	1.559	1.558	1.557	1.556	1.555	
640	1.560	1.559	1.558	1.557	1.556	1.555	1.554	
660	1.559	1.558	1.557	1.556	1.555	1.554	1.553	
680	1.558	1.557	1.556	1.555	1.554	1.553	1.552	
700	1.557	1.556	1.555	1.554	1.553	1.552	1.551	
750	1.555	1.554	1.553	1.552	1.551	1.550	1.549	
800	1.553	1.552	1.551	1.550	1.549	1.548	1.547	

ISO Reference Chrysotile: Parallel



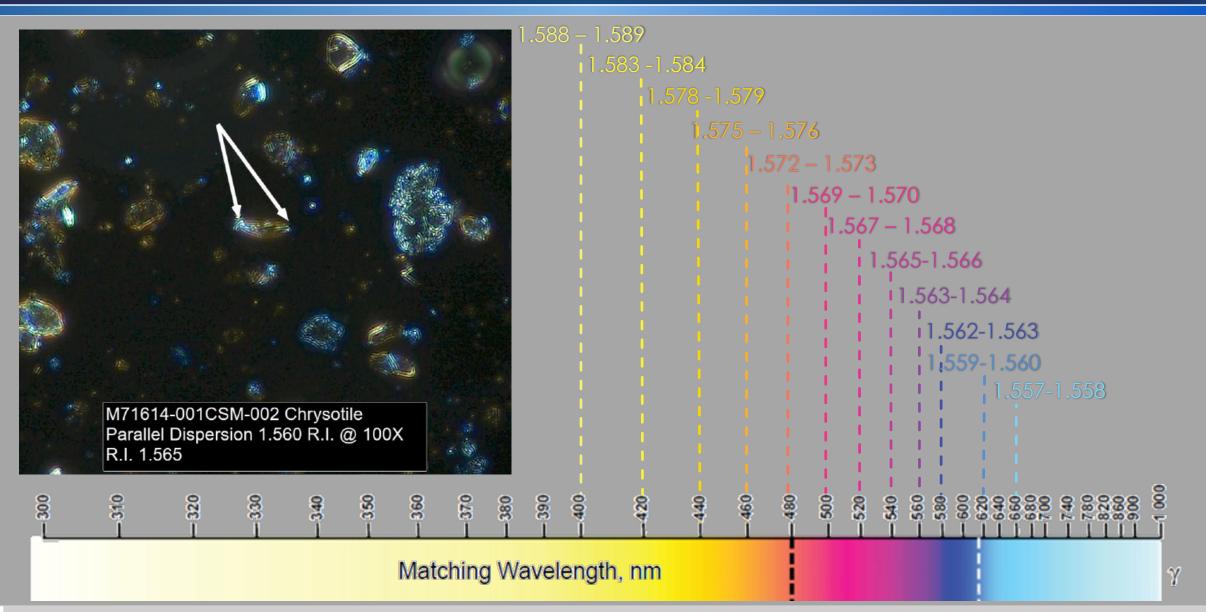


Table 5B. Chrysotile γ (In Cargille Series E: 1.560)								
λ_0	19°C	21°C	23°C	25°C	27°C	29°C	31°C	
400	1.590	1.589	1.588	1.587	1.586	1.585	1.584	
420	1.585	1.584	1.583	1.582	1.581	1.580	1.579	
440	1.580	1.579	1.578	1.578	1.577	1.576	1.575	
460	1.577	1.576	1.575	1.574	1.573	1.572	1.571	
480	1.574	1.573	1.572	1.571	1.570	1.569	1.568	
500	1.571	1.570	1.569	1.568	1.567	1.566	1.566	
520	1.569	1.568	1.567	1.566	1.565	1.564	1.563	
540	1.567	1.566	1.565	1.564	1.563	1.562	1.561	
560	1.565	1.564	1.563	1.562	1.561	1.560	1.559	
580	1.564	1.563	1.562	1.561	1.560	1.559	1.558	
589	1.563	1.562	1.561	1.560	1.559	1.558	1.557	
600	1.562	1.561	1.560	1.559	1.558	1.557	1.556	
620	1.561	1.560	1.559	1.558	1.557	1.556	1.555	
640	1.560	1.559	1.558	1.557	1.556	1.555	1.554	
660	1.559	1.558	1.557	1.556	1.555	1.554	1.553	
680	1.558	1.557	1.556	1.555	1.554	1.553	1.552	
700	1.557	1.556	1.555	1.554	1.553	1.552	1.551	
750	1.555	1.554	1.553	1.552	1.551	1.550	1.549	
800	1.553	1.552	1.551	1.550	1.549	1.548	1.547	

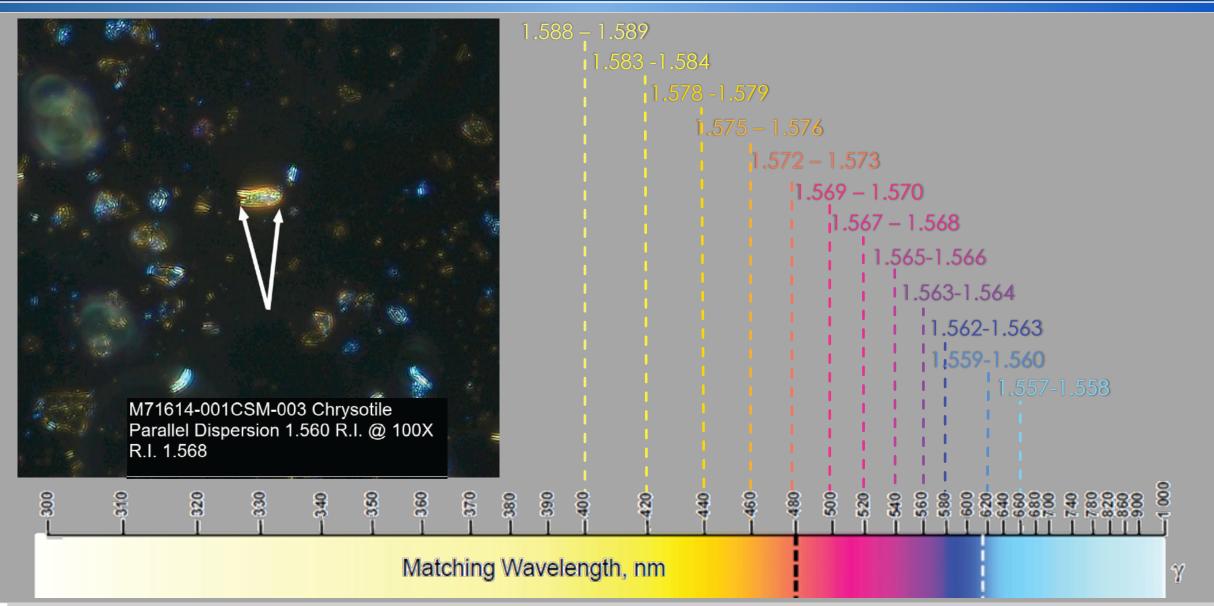
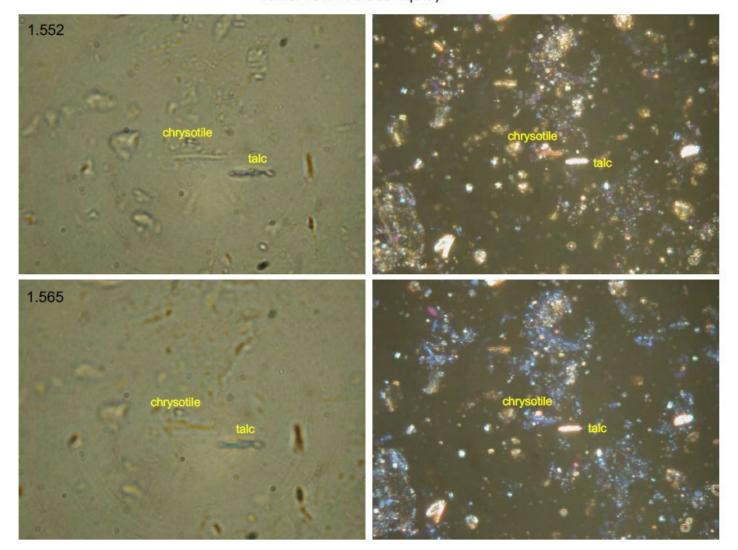


Table 5B. Chrysotile γ (In Cargille Series E: 1.560)								
λ_0	19°C	21°C	23°C	25°C	27°C	29°C	31°C	
400	1.590	1.589	1.588	1.587	1.586	1.585	1.584	
420	1.585	1.584	1.583	1.582	1.581	1.580	1.579	
440	1.580	1.579	1.578	1.578	1.577	1.576	1.575	
460	1.577	1.576	1.575	1.574	1.573	1.572	1.571	
480	1.574	1.573	1.572	1.571	1.570	1.569	1.568	
500	1.571	1.570	1.569	1.568	1.567	1.566	1.566	
520	1.569	1.568	1.567	1.566	1.565	1.564	1.563	
540	1.567	1.566	1.565	1.564	1.563	1.562	1.561	
560	1.565	1.564	1.563	1.562	1.561	1.560	1.559	
580	1.564	1.563	1.562	1.561	1.560	1.559	1.558	
589	1.563	1.562	1.561	1.560	1.559	1.558	1.557	
600	1.562	1.561	1.560	1.559	1.558	1.557	1.556	
620	1.561	1.560	1.559	1.558	1.557	1.556	1.555	
640	1.560	1.559	1.558	1.557	1.556	1.555	1.554	
660	1.559	1.558	1.557	1.556	1.555	1.554	1.553	
680	1.558	1.557	1.556	1.555	1.554	1.553	1.552	
700	1.557	1.556	1.555	1.554	1.553	1.552	1.551	
750	1.555	1.554	1.553	1.552	1.551	1.550	1.549	
800	1.553	1.552	1.551	1.550	1.549	1.548	1.547	

Gunter mages """ ""

Figure 19: PLM images of a 50/50 mixture of Calidria 210 and Gold Bond #3 (upper row in 1.552 liquid, lower row in 1.565 liquid).



Longo: 1.550 RI vs 1.560 RI

